

THE TECH



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THE OFFICIAL NEWSPAPER
OF THE M.I.T. UNDERGRADUATES

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Third Party Enters Field In Spring Senior Elections

With a platform based on greater student participation, a third party to vie in the Senior Class Officer Elections has been formed. The new group, to be known as "The New Life Party" is headed by Thomas Bishop, who is running for class president. Others in the slate include Albert Cohen and Russel W. Osborn, Jr., for Institute Committee representatives, and Arthur Orenberg for Secretary-Treasurer.

Presidential candidate Bishop has served as secretary of the Judicial Committee, as Treasurer of the 5:15 Club, and as Assistant Advertising Editor of "The Benchmark."

President of Young Republicans

Institute Committee nominee Cohen has served on the Executive Committee of the 5:15 Club and as Chairman of the Social Committee of this same organization. He was also chairman of the Auditing, Publicity and Executive Committees of the All Tech Dance.

Osborn, also running for Institute Committee, was co-founder and twice President of the Young Republican Club and in addition served as a member of the Student Faculty Committee of Course IV.

According to Presidential Candidate Bishop, "It is the aim of the party to provide and maintain a student organization that welcomes participation on the part of all of the members of the class." A full platform has not yet been announced.

Stu-Fac Competitions

Competition for sophomore appointments to the Student-Faculty Committee will be held on Tuesday, March 21, at 5:00 p.m. in Room 2-290.

Freshmen Parties Rally On Unity, Revision Plank

Freshman politics are taking shape as two different caucuses have nominated their slates.

Merrill L. Ebner was selected to run for President of the class of '53 at an open meeting held Saturday afternoon in Room 4-231. Nominated for Secretary-Treasurer was Richard M. Jaffe, while Bennett Sack and Edward C. Levy are candidates for Institute Committee representative.

A rival caucus was held Sunday afternoon in Ware West lounge and William E. Pennisi received the presidential nomination. Betty Ann Ferguson will run for Secretary-Treasurer and Gilbert D. Gardner and Dan A. Pichulo are aiming for Institute Committee jobs.

Party Platforms

Class unity is the basic platform of the faction that is led by Ebner. One nominee is a commuter, two are fraternity members, and one lives in the dormitories.

This group believes that the goal of unity can be accomplished principally through a more balanced delegation of responsibility. That is, more people with some responsibility and fewer persons with great power. Better contact between the class and its leaders is also an im-



THOMAS B. BISHOP '51

Technique Sells Out; Will Order Extra Copies If Demand Is Sufficient

All 1,200 options for the 1950 edition of Technique have been sold, according to Joseph W. Saylor, Jr., '50, general manager.

An additional 100 copies will be ordered if the demand is sufficient. "If you want a copy of the 1950 Technique and don't have an option," said Business Manager, Mark H. Baxter, '50, "leave your name at the Technique office on the third floor of Walker Memorial, or with Charles W. Richard, Jr., '52, Saylor, Henderson, or myself. If we get 100 names before Friday, March 24, we will order the additional copies, otherwise, no option — no Technique."

Savor Of Schmangor, Maine Will Pervade Cambridge High Tonight At Tech Show 1950

Grad Applicants Up By One Third

Although applications to the graduate school have increased by about thirty-five percent over last year, the number of acceptances will not be raised, announced Dean J. W. Bunker. Now composed of 1,100 full-time students and about 400 part-time students, the graduate school will not be enlarged.

Professors must first fulfill undergraduate commitments before devoting time to graduate students. For this reason, the courses that are the most crowded in the undergraduate level, are also the most difficult to enter in the graduate school.

Dean Bunker was pleased at the increase in applicants, however, for the Institute may now select the "cream" of those applying. He stated that high quality students act as a stimulant to the instructors by keeping them alert. Thus undergraduate classes benefit from this condition.

ELECTION PETITIONS

Nomination Petitions for the Spring Elections on April 11 are now available in the Walker Memorial Committee office. These petitions must be returned by Tuesday noon, April 4.

Robert M. Kimball '33 Will Be Killian's Aide

Robert M. Kimball, who has been on leave of absence from the Institute since 1948, will return in May to become Executive Assistant to the President, Dr. James R. Killian, Jr., announced last night. At the present he is serving as Administrative Associate Director of the Los Alamos Scientific Laboratory in New Mexico.

Mr. Kimball was assistant to the president when he went to Los Alamos. Upon his return to the Institute, he will serve as the president's deputy in a number of important administrative activities, and will represent Dr. Killian in all relations with the Institute's Development Fund Office.

Will Oversee Building Projects

After the retirement of Dr. Edward L. Moreland, executive vice president of the Institute, on June 30, Mr. Kimball will also become chairman of the building committee and will have administrative responsibility for overseeing the Institute's building projects. This committee recommends to the president and executive committee the appropriate type and location of buildings for the Institute and approves all contacts for building operations.

Mr. Kimball was graduated from Technology's Course XV in 1933 and in the same year joined the staff of the Institute. He subsequently



PRESIDENT'S DEPUTY

served as Personnel Officer, Assistant Registrar and Assistant Director of Admissions. From November, 1943, until he left for Los Alamos on leave of absence, he served as assistant to the president. During the war, Mr. Kimball assisted the Army Air Forces and the U. S. Navy in the establishment of their meteorological and aerological programs, and served as a representative of the University Meteorological Committee.

Critics To Attend Show

Opening night rigors will test the cast and staff of Tech Show 1950 tonight when their annual production, "Stranger in Town," goes before the footlights at the Cleveland Auditorium of Cambridge High and Latin School. Curtain time is 8:30 p.m.

Dramatic critics from all of the Boston newspapers have been invited to attend the show and several have indicated a



Gottlieb the Ghost approaches Liftig the Girl.

Photo by Astrachan (Tech Show)

Fund Drive Reports Half Million In Grants From Greater Boston

Grants totaling \$455,607 have been obtained in the Greater Boston Development Fund Campaign since its formal opening on Mar. 8. This disclosure came on Monday during the first report meeting of the Greater Boston Area, which was held in the Parker House.

More than three hundred persons are actively engaged in the soliciting program of the Boston Area, of which Dwight C. Arnold '27 and Erwin H. Schell '12, Course XV head, are the co-chairmen. The National Fund Drive, of which Marshall B. Dalton is chairman, has grown to more than ten and one-half million dollars since the beginning of the drive.

willingness to be present. A repeat performance is scheduled for tomorrow night.

Love Triangle Is Theme

According to Tech Show representatives, ticket sales have been going satisfactorily. A few seats are still on sale in Building Ten, including a number of unreserved locations at \$1.20 apiece. Tickets will be sold at the door.

A love triangle involving the ghost of Leif Erickson, as portrayed by Joseph S. Gottlieb '50, a local boy in the town of Schmangor, Maine, played by James C. Bresee G, and Toni, the stranger in town, in the person of Dotty Liftig, is the central theme of the book written by graduates Robert P. Abelson and Adrian VanStolk. Also in the cast

(Continued on Page 8)

Heating Unit Shows Success In Second Year Of Project

Is solar heating practical? If so, where, how, when, and at what cost? These are but a few of the questions which M.I.T. engineers have been attempting to solve in the past year.

Since a year ago last January, the M.I.T. solar house has been occupied by a student family, Mr. and Mrs. Harry Ried and their young daughter. Ried and his family were selected by Dean Baker to live in the experimental home while engineers evaluated the feasibility of the new heating system. After a contest sponsored by the Department of Architecture, the preliminary design of J. Frank Haws was accepted. The construction located on Memorial Drive, near the Cottage Farm bridge, was completed late in December, 1948.

Installation of the unit in a dwelling gave the researchers a chance to see their system operating practically. Application of the system to other dwellings would involve no "human error" because of opening or closing windows, coming in and out of doors, and generation of body heat. (This factor has been deemed important enough to include in the efficiency determinations.)

The unit proper, which utilizes a steel storage tank of ten thousand pounds capacity, and a four hundred square foot two pane glass solar energy collector, operated so efficiently that only 8.5% of the heat used over a three month period, February, March, and April

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The Tech

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FRIDAY, MARCH 17, 1950

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HOLY CURIOSITY

Technology's educational philosophy has undergone an intense investigation by the Faculty and the Administration during the past few years, and, although many undergraduates are apparently unaware of the Institute's activity in this direction, some significant changes in the educational system here are in the offing. Realizing that this spirit of rejuvenation exists among Technology's policy makers and feeling that student opinion should make some contribution toward guiding their decisions, we have discussed several specific aspects of the present educational system here at various times during the past few months. Our observations have been restrained and objective — we are aware that sometimes the student simply can not know what is best for his own good — and most Techmen express criticisms much more vigorous and colorful than ours.

Technology students are of high mental caliber, so that before the undergraduate comes here his learning is motivated chiefly by curiosity, and his assigned academic pursuits do not present an excessively coercive influence. He enjoys learning for its own sake. Unfortunately, the situation changes when he comes here. The academic load is heavy enough to make coercion and a sense of duty the dominant motives for learning. Most of the time, intellectual curiosity becomes only an incidental factor. Too much of the time, learning is an unpleasant procedure, as is testified by the existence of the expression that "Tech is Hell." Although the satisfaction of intellectual curiosity is still the long-range objective of the student, it is overwhelmed by the immediate necessity for passing a quiz or turning in a lab report.

A certain amount of coercion is needed to make the student operate at peak efficiency in covering the necessary material, but too much pressure causes a decrease in efficiency so that, although material is covered, it is not assimilated or integrated. This is the most common objection raised against excessive academic pressure, but we feel that this loss of efficiency is not so important as the fact that coercive learning actually permanently damages curiosity. It is possible to argue that the efficiency loss is justified, and that the student will have plenty of time for assimilation and integration after graduation; there is no defense for the stifling of curiosity. A more authoritative opinion than ours is available concerning this matter: we suggest that Einstein's autobiographical notes, (*Albert Einstein, Philosopher-Scientist*, The Library of Living Philosophers, Inc.), be consulted by all determiners of the Institute's educational program.

Recalling his undergraduate days at the Polytechnic Academy in Zurich, and his decision to concentrate on Physics rather than pure mathematics, he says "In this field, however, I soon learned to scent out that which was able to lead to fundamentals and to turn aside from everything else, from the multitude of things which clutter up the mind and divert it from the essential. The hitch in this was, of course, the fact that one had to cram all this stuff into one's mind for the examinations, whether one liked it or not. This coercion had such a deterring effect upon me that after I had passed the final examination, I found the consideration of any scientific problems distasteful to me for an entire year." He adds that this coercion was possibly not as great as is usually found: he took two examinations in all his time at Zurich. Commenting on modern educational techniques, Einstein says "It is, in fact, nothing short of a miracle that the modern methods of instruction have not yet entirely strangled the holy curiosity of inquiry; for this delicate little plant, aside from stimulation, stands mainly in need of freedom; without this it goes to wreck and ruin without fail. It is a very grave mistake to think that the enjoyment of seeing and searching can be promoted by means of coercion and a sense of duty. To the contrary, I believe that it would be possible to rob even a healthy beast of prey of its voraciousness, if it were possible, with the aid of a whip, to force the beast to devour continuously, even when not hungry, especially if the food, handed out under such coercion, were to be selected accordingly."

We agree wholeheartedly with Dr. Einstein. What the technical student needs is a menu, not a bill of fare.

In The Spotlight

By JIM STOLLEY

Does four years seem like a long time to spend at Tech? That's barely time enough to take off your hat and coat and get comfortable according to Horace S. Ford, Treasurer of the Corporation and Administration. For thirty-six years Mr. Ford has served MIT in various administrative positions.

Upon graduation from high school, he started working with the New England Trust Company, and then moved to a position with the Old Colony Trust Company. In 1914, when Technology was still on Boylston Street, he was offered the post of bursar. At that time he was an assistant cashier with the trust company, and hardly knew there was such a thing as a bursar, much less what one did. Nevertheless, he gambled on the fact that the school was expanding into its new location in Cambridge, and he has been with MIT ever since.

Before the war, Mr. Ford was closely associated with student activities, and at one time was chairman of the undergraduate committee, but during the war other work

prevented him from maintaining this contact with the student body.

He was a member of the seven-man joint training board of the armed services, and he has also been connected with the Eastern Association of College Business Officers for twenty years.

As treasurer of the Corporation Mr. Ford is in charge of the school's budget and represents the school in financial matters. The recently announced purchase of the Riverside apartments is an example of his duties as treasurer. One of Mr. Ford's biggest jobs is the current fund-raising campaign, and his itinerary for the next few months reads like a Greyhound Bus schedule, for he will speak at many meetings and dinners throughout the East and Middle West.

Mr. Ford has a unique and decidedly strenuous hobby—mountain climbing. He has scaled many New England mountains with another man whose name might be familiar, James Killian. He hasn't had much spare time lately though; consequently most of his hiking has been along the beaches of his home, in Annisquam, Massachusetts.

Mr. Ford has been married for forty-three years, and he has three grandchildren. One of his sons graduated from MIT in 1931.

During his forty-eight years in the banking and financial business, Mr. Ford has become trustee for a number of corporations here in Boston, and he intends to continue his activities with these corporations after his retirement from MIT in June.

This coming Thursday evening the Humanities Division of M.I.T. presents its first concert of the term, enlisting the talents of the violinist Klaus Liepmann, the pianist Gregory Tucker, both of the Humanities Department, and French hornist, Willem Valkenier, a principal in the horn section of the Boston Symphony. The program, a varied and extremely attractive one, includes Beethoven's Sonata for Violin and Piano in C Minor, the Sonata for French Horn and Piano by Hindemith and written for Mr. Valkenier, Ravel's Sonata for Violin and Piano, and the Trio for French Horn, Violin, and Piano of Brahms. Tickets are available at the Information Office.

When the Boston Symphony returns for their concerts next weekend, it will be under the direction of Richard Durgin, the orchestra's Concert-master. Pilket's Overture "Curtain Raiser to an American Play," Don Quixote of Richard Strauss, and Bartok's Concerto for Orchestra comprise the program.

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HORACE S. FORD



Photo by Hall

AFTER HOURS

DANCES

Courtesy "The Tom Cat Hour"
FRIDAY, MARCH 17
Mount Auburn Hospital—St. Patrick Day Dance at Margate Jewett Hall. Admission free. Dancing starts at p.m.
Cambridge City Hospital—St. Patrick Dance. Dancing starts at 8 p.m. Admission free. Nurses' House, 16 Camell Ave.
Massachusetts Memorial Hospital—St. Patrick's Day Dance at Vase Hall, 10 Stoughton, Boston. Admission 40c. Dancing from 8-12 p.m.
Carlton Club—Dancing to Harold Donehey's Orchestra from 8-12 p.m. Admission 60c. per person. Hotel Commander at Harvard Square.

SATURDAY, MARCH 18
Wellesley College—Small house dance. Ticket required. Tickets obtainable from Niel Panzier, Box 120, Dorset.

ON STAGE

TECH SHOW — Cambridge High an Latin School, M.I.T.'s own musical which is, as usual, tremendous. Boasting of wonderful script, fine music and Joe Gottlieb, it is a sure bet for the weekend.

MISTER ROBERTS—Colonial. This show will be around until the end of spring for some very good reasons. This skillfully directed piece about shipboard tedium in the midst of the last war gets across the chuckles and even a bit of message.

JORNELIA OTIS SKINNER — Wilbur. Opening Monday, this troupe is back with a collection of monologues to the inveterate theatre-goer.

MOVIES

MCYCLE THIEF—Beacon Hill. The narrative of an Italian urchin and his father searching for their stolen vehicle. The whole picture done with the artistry of realism at which the Roman Cinema is a master.

PASAN AND OPEN CITY — Kenmore. Around for the second time these Italian films still display the intense realism striped of Hollywood's pain and false tears that made them immediate successes before.

ALL THE KING'S MEN — Loew's State and Orpheum. A poignant picture of an American d'etor, this filming of the Pulitzer prize novel portays little Caesar, with startling realism. Brando's portrayal of Willie Stark, an excellent supporting cast, outstanding photography, and fine direction all combine to make the first outstanding Hollywood film in a long time. Highly recommended.

SPORTS

FRIDAY AND SATURDAY, MARCH 17 and 18
Finals in New England high school interscholastic basketball tournament 8 p.m., Boston Garden.

SUNDAY, MARCH 19
Hockey—Boston Olympics kennel, New York.
Rovers — 8:30 p.m., at the Boston Garden.

MONDAY AND TUESDAY, MARCH 20 and 21
Hockey — New England Amateur Junior Championships. 8 o'clock, Boston Garden.

THURSDAY, MARCH 23
Big Wrestling match at the Garden starting at 8:30 with "Women's wrestling" those women surviving each attack. Mr. America grapple, Prim Camera, referee.

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NEXT WEEK

RANNY WEEKS
AND HIS FAMOUS ORCHESTRA

Fresh Council Approves Dance

Final approval of the budget for the proposed Freshman Dance was secured Monday at the latest meeting of the Freshman Council. Institute Committee recently gave its approval of the dance and increased the budget allotment. Detailed planning of the dance, which is to be held April 28, can now begin.

Some sentiment to the effect that 8.01 and 8.02 Physics Laboratories are not as educational as they might be led to a discussion on the revision of freshman experiments. Professor Sears, head of the Freshman Physics Department, stated Wednesday that there are no definite plans for any changes in experiments although the department is perpetually endeavoring to make improvements.

This was the first meeting of the Freshman Council under the supervision of the newly elected officers, President Merrill Ebner and Recording Secretary Dick Jaffe.

Historian Mumford Will Lecture On The Survival Of Mankind

Lewis Mumford, author and student of city and regional planning, will speak on "Alternatives to Extinction" on Monday, March 20, at 4:30 p.m. in Room 10-250 for the Student Lecture Series.

In the evening of the same day, at 8:00 p.m. in the Lounge of Hayden Library, Mr. Mumford will speak to the Graduate Economics Seminar on "The Impact of Personality on History." This meeting is open to all those from the Institute community who wish to attend.

Historical Works

Mr. Mumford was from 1929 to 1947 visiting lecturer at Dartmouth College. During that time he taught also at Harvard in 1939 and at Stanford from 1942 to 1944.

During the years from 1924 to 1931, he published five books in American literary and cultural history.

Institute Provides Help For Frosh In Deciding On Choice Of Course

The professional departments of the Institute have taken organized measures to provide the Freshman class with information to help them with their forthcoming course selections.

The Freshman class should avail themselves of the opportunity to investigate the fields of architecture, engineering and science which might be of interest to them, not only to understand what is required of men in these fields, but also to appreciate the breadth and scope of the Institute's educational program.

To aid these students in becoming better acquainted with the various courses, the following program has been arranged: exhibits in the main lobby, beginning March 20; informal talks to be held from 5 to 6 p.m. in Room 2-390; and opportunity for interviews with departmental consultants. The informal talks are as follows: Mon.,

March 20, Courses XVIII and XV; Thurs., March 23, Courses XIV and VI; Mon., April 3, Courses XVII and IV; Thurs., April 6, Courses XIX and II; Mon., April 10, VII and X; and Thurs., April 13, XII and VI-A.

Tech Show

(Continued from Page 1)

are Gwen Downhill as Jenny, the local girl, Belton Moore, a house-keeper, and George T. Marcou '52, as the census taker.

Music Is by Leffler

Music for the show has been written by John Leffler '52. Production is under the direction of Gerald L. Hartstein '51. Mr. Brewster C. Denny of the Department of English and History is director and the general manager of the entire production is Arthur A. Wasserman '51.

Radar Cooking To Be Exhibited At Open House

Food Technology exhibits at this year's Open House will include a two-minute cake, a new method for dehydrating orange juice and eggs, and the 250,000 volt Trump Generator used for the sterilization of food. Course XX is the first in the Institute to announce its Open House plans.

The cake-baking exhibition will demonstrate the use of radar waves to cause rapid, uniform heating by molecular friction. As an added attraction, samples will be distributed to spectators. Other exhibits will illustrate the use of radio-active "tagged" atoms in tracing the path of food materials through the body.

Taste Test Planned

Another Food Technology feature which promises to be of interest is the "taste-sensitivity test." Visitors will have a chance to taste samples treated with very dilute solutions of acid, bitter, salt and sweet materials, and thereby determine their sensitivity to these four basic tastes. A similar "odor-identification" test is also planned, and various moving pictures will be shown throughout the day.

MacMillan '50 Gets Rotary Ins. Fellowship For Overseas Study

Rotary International, world-wide service organization, has awarded a fellowship for overseas study in 1950-51 to John H. MacMillan, '50. The award was made by a committee of Rotarians from Chile, England, and the United States.

MacMillan was one of eighty-five outstanding students from twenty-five countries to receive this honor. His application for the fellowship was sponsored by the Rotary Club of Albany, New York. He plans to specialize in gas turbine studies in Great Britain in preparation for a career as a mechanical engineer.

Captain of Baseball Team

At the Institute, he has been captain of the varsity baseball team, has played on the varsity basketball team, and has served on the Interfraternity Council and the Freshman Council. He is also a member of the Tau Beta Pi and Pi Tau Sigma, honorary engineering fraternities.

Advanced study abroad as am-

(Continued on Page 6)

Freshman Politics

(Continued from Page 1)

portant plank in the platform of the Ebner-led group.

Proposed Sophomore Government

The opposing elements headed by Pennisi is interested in instituting changes in the present sophomore governmental system. The proposed sophomore council would be made up of representatives of each course section. One member-at-large elected from the council, the five elected officers and the heads of three permanent sub-committees would make up the executive council. In addition to revising the class government, this group advocates the writing of a class constitution and beginning work immediately on the Sophomore Prom.

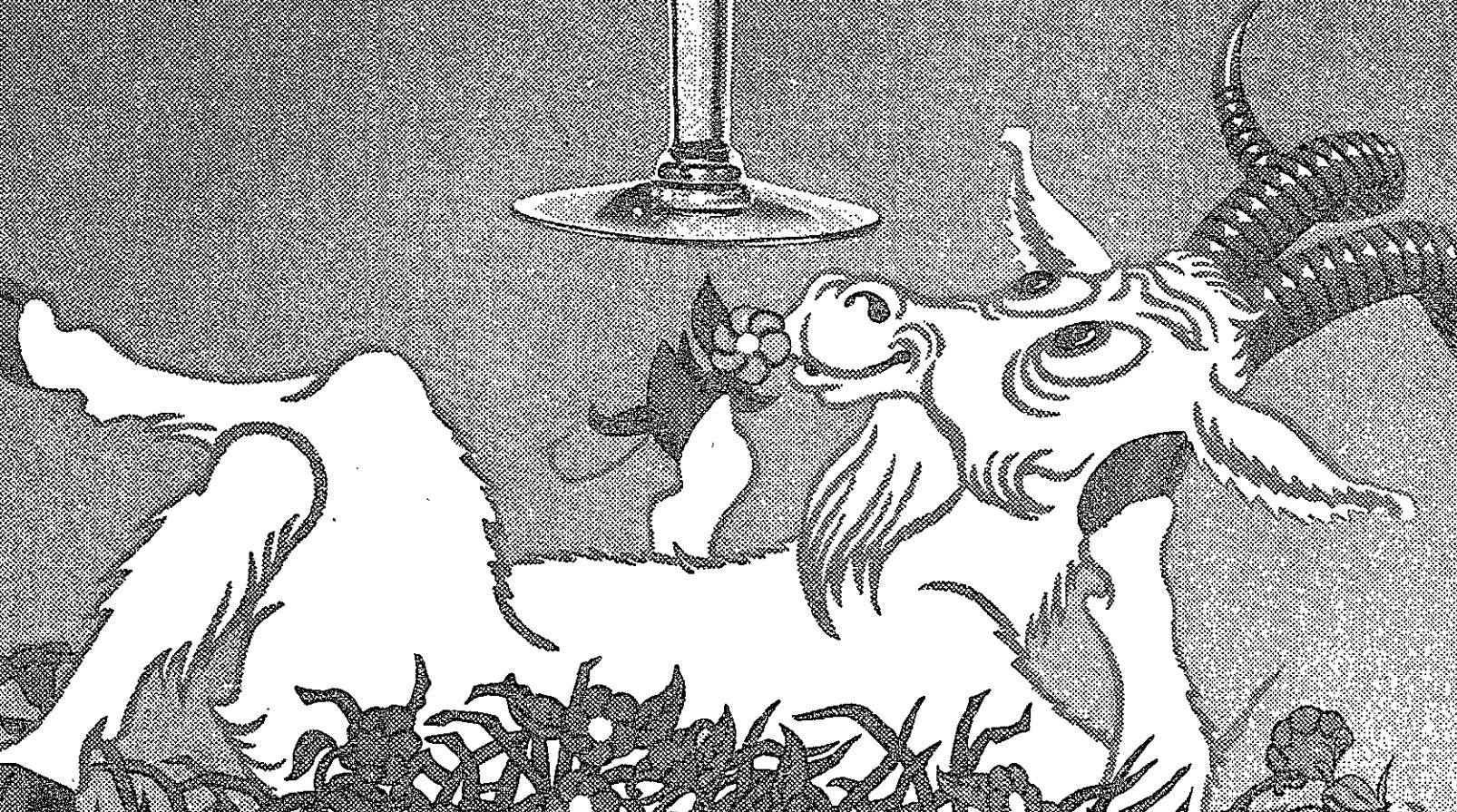
Simmons Orthodox Club To Meet With Technicon

Last Wednesday in Ware Lounge the Technicon Hellenic Society held its regular meeting to make plans for spring activities. Included in the list of future events is an informal gathering with the Simmons College Orthodox Club featuring a speaker, several movie shorts and refreshments.

Persons of Greek descent interested in joining the society should attend this gathering which will be held in the 5:15 room from 7:30 to 10:00 p.m., Wednesday, March 22.

Schaefers

BOCK AGAIN



OUR HAND HAS NEVER LOST ITS SKILL

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Courtmen Finish Season Glantz High With 142 Pts.

What gave promise of being Technology's most successful season in recent years turned out to be decidedly average as the Beavers posted a record of six wins and eleven losses, a batting average of .353. This record, however, represented considerable improvement over the 1948-49 season in which the Engineers won only three games while dropping fourteen, for a percentage of .177. This year's squad averaged 54 points per game, as against 60.6 for the opposition.

Scoring Record Against Bowdoin

Tech's basketballers opened their season inauspiciously, but began to hit their stride halfway through the schedule with four successive wins over W.P.I., Stevens, New Hampshire, and Bowdoin highlighting the drive. The Beavers really teed off on the hapless Pine Staters, sinking the Bowdoinmen 83-74 to set a new scoring record. They ran into trouble after this high point, however, losing a last-minute decision to Northeastern 47-49, and then dropping their final three games to St. Anselm's, Tufts, and Connecticut.

Lose to Trinity

In addition to the Northeastern battle, the Beavers were involved in three other tight thrillers during the course of the season. They dropped their fifth game to Coast Guard by a 39-41 count, then just failed to win their Boston Garden debut against Trinity in a 57-56 thriller. Then, on February 15th, Durham fans saw the Beavers pull out an exhilarating 64-61 victory over New Hampshire.

The 918 points which the Beavers scored against the opposition were fairly well distributed over the entire squad, with the top six men, Glantz, Corrie, Garthe, Hohorst, Nacey, and Morton, collecting 649 or 71% of the total. By way of comparison, the top six scorers of the 1948-49 season hit for 774 points, or 91% of the total.

Glantz High Scorer

This year's edition of Tech's baskeeters had no scorer to compare with Jim Madden, class of '49, who singlehandedly kept the Beavers in many ball games by scoring 230 points over the 17-game schedule. Herb Glantz was high this season with 142, gleaned on 53 field goals and 36 fouls. Lou Morton, though playing superb defensive ball and doing a good rebounding job in every game, fell off in his scoring and collected only 87 points against last year's total of 157. The reverse was true, however, for Jack Corrie, who went up from 107 in 1948-49 to 115 in 1949-50.

Foul Shooting Hurts

Poor foul shooting dogged the Beavers all year, giving the decision to the enemy on more than one occasion. The team as a whole con-

Inst. Comm. Limits Undergrad Selling Thru Open House

Institute Committee took action last Wednesday to insure that visitors to Open House this spring will not be harassed by energetic undergraduate solicitors. Selling is to be limited to booths approved by Open House Committee, and no public address systems may be used without permission.

A motion to grant provisional class A status to the Lecture Series Committee was tabled and contracts with the Loren Murchison Company for senior rings were clarified. The proposed by-laws of the Finance Committee were extensively debated.

President Robert W. Mann, '50, announced that this Institute Committee would be dissolved late in April and that student government would then be turned over to the representatives elected for next year.

verted only 203 out of 399, for a low 50.9%. Top over-all scorer Herb Glantz was also top individual foul converter, sinking 36 free throws, but Mike Nacey posted the highest percentage, hitting with 26 of 36, a respectable 72.2%. Glantz was second with 63.2%, followed by Larry Garthe 57.7%. Ozzie Honka-lehto, who was forced to sit out most of this season due to a bad leg, paced last year's Beavers with a 74% conversion average.

Most persons associated with the Beaver hoopsters predict a better season next year, however, basing their predictions on Ted Heuchling's up-and-coming Sophomore platoon of Herb Glantz, Larry Garthe, Mike Nacey, Hank Hohorst and company. Dick Jankowski, Cliff Herdman, Eddie Wilson, Mandy Manderson and Russ Kidder, the last three from Warren Berg's frosh, are also expected to help out.

Season Record

| | | | |
|-------------|----|---------------------------|----|
| M.I.T. | 37 | Boston University | 57 |
| M.I.T. | 44 | Brown University | 72 |
| M.I.T. | 49 | New Bedford Textile | 41 |
| M.I.T. | 63 | Tufts | 75 |
| M.I.T. | 89 | Coast Guard Academy | 41 |
| M.I.T. | 57 | Northeastern | 49 |
| M.I.T. | 39 | Boston University | 51 |
| M.I.T. | 56 | Trinity College | 57 |
| M.I.T. | 46 | Brown University | 69 |
| M.I.T. | 59 | W.P.I. | 51 |
| M.I.T. | 61 | Stevens. Tech | 58 |
| M.I.T. | 64 | New Hampshire | 61 |
| M.I.T. | 83 | Bowdoin | 74 |
| M.I.T. | 47 | Northeastern | 49 |
| M.I.T. | 59 | St. Anselms | 75 |
| M.I.T. | 58 | Tufts | 71 |
| M.I.T. | 44 | Connecticut | 82 |

F.G. F. T.P.

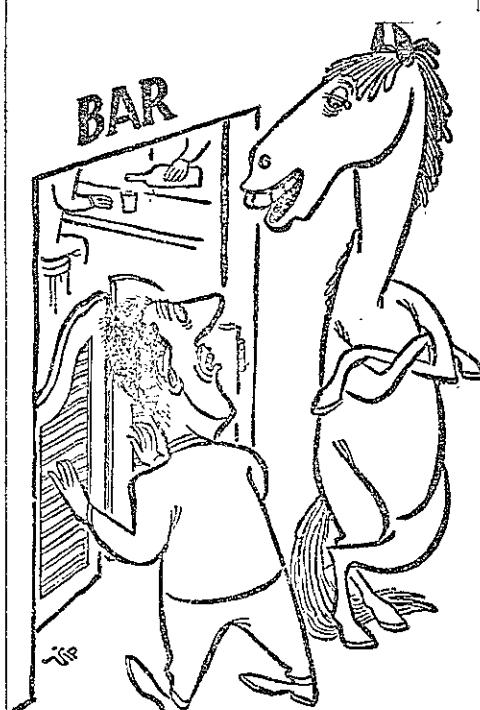
| | | | |
|-------------------------|-----|-----|-----|
| 1. Glantz, Herb | 53 | 36 | 142 |
| 2. Corrie, Jack | 43 | 29 | 115 |
| 3. Garthe, Larry | 37 | 30 | 104 |
| 4. Hohorst, Henry | 44 | 15 | 103 |
| 5. Nacey, Mike | 36 | 26 | 98 |
| 6. Morton, Lou | 34 | 19 | 87 |
| Totals | 247 | 155 | 649 |

Sailors Take Fourth In Harvard Regatta

Last Sunday, opening their 1950 Spring Sailing schedule, the Technology skippers started off the season with a fourth place. Sailing in the Harvard Invitational Frostbite Regatta, an octagonal affair, Beavers Howie Fawcett, in A division, and John Lawson, in division B, took a first and a third apiece.

Winner of the regatta was the event's host, Harvard. Next down the line were Brown, B.C., Technology, Northeastern, B.U., Dartmouth, and Tufts. All the schools, though, seemed hampered by lack of practice.

Next event for the Beavers is a regatta with Brown to be held Sunday, April 2nd. The meet will be held here with Technology playing host.



"Don't go in there, Mac. He doesn't put Angostura in his Manhattans!"

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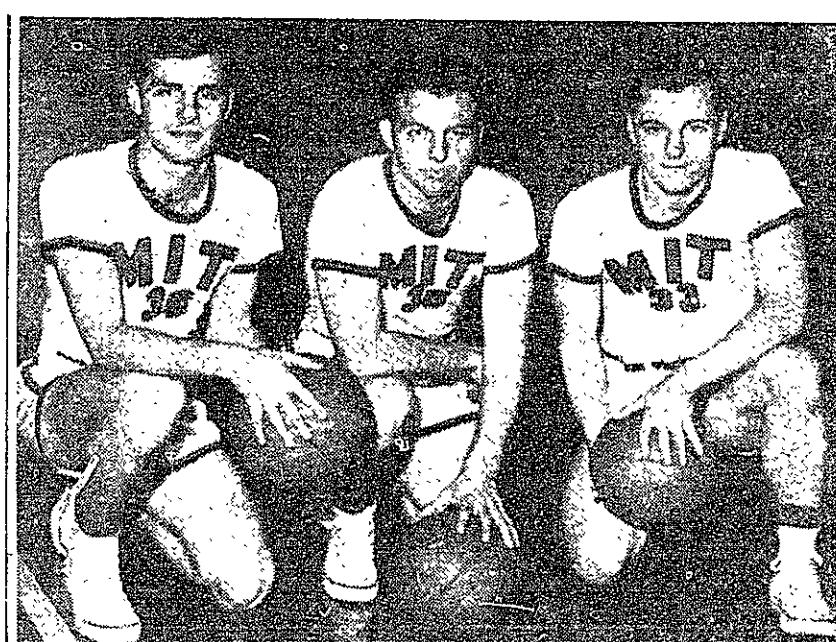


Photo by Astrachan

Jack Corrie, Rich Rorschach and "Mac" MacMillan, members in good standing of the Tech varsity for the past three years, played their last game for the Beavers against the University of Connecticut March 4th. MacMillan, who is Captain of Tech's baseball team, and a member of Pi Tau Sigma and Tau Beta Pi has recently been awarded a Rotary Fellowship for overseas study. Corrie and Rorschach are also active in many and varied extracurricular activities.



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Volleyball Season Halfway Through; Favorites Winning

Pre-season favorites are running true to form as the intramural volleyball season starts into its second half. Four of last season's finalists are heading their respective leagues and are safe bets to make this year's finals. In league 1 Sigma Chi, last year's winners, are undefeated and will go into the finals favored to repeat last year's triumph. Phi Delta Theta, Theta Chi, and Sigma Alpha Epsilon, which were in last year's final playoff are again heading their respective leagues and seem certain of making the playoffs. Phi Kappa Sigma and Phi Gamma Delta in leagues 4 and 6 by virtue of upset victories over the Deke's and Sigma Nu are leading their leagues.

The regular season will end the Thursday before vacation and playoffs will start immediately after school reopens. The playoffs consist of six teams, winners of their respective leagues, engaging in a round robin tourney.

Four Beaver Teams In Action

This weekend will see many of Tech's teams competing in important athletic events. The swimming team will be represented in the Eastern Intercollegiate Swimming Meet to be held at Annapolis this Friday and Saturday by Dick Plummer, Jack Pines and Frank Conlin. Pines will compete in the breaststroke event, Plummer will be entered in the backstroke competition and Conlin will try to cop the 100-yard freestyle title. All three will compete in the 300-yard medley relay.

Fencers in Action

The fencing team will take the road to New York City where they are entered in the Eastern Inter-

collegiate Fencing Tournament to be held Friday and Saturday. Thirteen schools in all will be represented in the meet that will be held at New York University in Washington Square. C.C.N.Y., last year's winner is favored to take the title again this year. The Beaver lancers with a season's record of four wins against three losses have a good chance of winning their way into the upper bracket of this tournament.

Riflers to Compete

Saturday at Fargo Armory on the U. S. Marine Corps Range, the Beaver riflemen will fire in the New England Intercollegiate Rifle Championships. The rifle team which has had a very good season

and which took the semi-finals so handily last week stands in a position where they can walk away with the tournament. Also on the morning of the same day they will face Columbia University. Herb Voelcker, one of the best riflemen in the East, figures to have a good chance of winning individual honors in the tournament. Dud Hartung, Robbie Robertson, Arthur Auer, and Kyle Woreley whose sharp eyes also figured in the Beaver victory last week figure to do equally well in the tournament.

As a final topper to the weekend the M.I.T. indoor track team will take to the boards for the last time when they face Brown University at Tech this Saturday afternoon at 2:00.

Capt. Conlin Finishes Four Years Of Swimming At Tech

By GIL STEINBERG

Frank Conlin, Jr., one of Tech's greatest swimming stars, will represent the Beavers for the last time when he takes to the water in the Eastern Intercollegiate swimming meet at Annapolis this weekend.

Frank, this year's swimming captain, hails from South Orange, New Jersey, where he started his swimming career on his high school team which just missed the state championships in his senior year. Arriving at Tech, he started swimming for the Freshman team and since then has hung up an enviable record in his four years of competition.

Frank Sets Records

In his first year, Frank broke the Frosh 200 and 220-yard records and was part of the team which broke the 200-yard freestyle relay record. As a sophomore, he tied the Tech 100-yard mark twice and helped the relay team to set new records in the 400-yard freestyle and 300-yard medley relays. He started his third year with a bang by breaking the MIT 220-yard record and helped to break the 400-yard relay mark. As a junior Conlin went down with the team to compete in the Eastern Intercollegiate Championships as part of the relay team which won the 440 setting a new Tech mark, and he also took fourth place in the 220-yard event in this same meet. In his Senior year of competition, records fell all over the place as Frank's strong stroke enabled him to place in every event he raced in. He broke his own 220-yard record at Amherst, helped set new marks in the 400-yard relay at Rensselaer and the 300-yard medley relay here. Two weeks ago he broke the MIT 100-yard record at Alumni Pool.

Beaver Asset

In the New England Intercollegiates which were held here last week, Frank raced on the Tech relay teams which took fourth place in both relays. He also just missed the finals in the 100-yard event by two seconds. As can be seen by this impressive record, Conlin has been a great asset to the Beaver Mermen not only in his individual events, the freestyle races, but in the team events as well.

Other big men for the Bruins include Jonathan Tobey, who holds the Brown University record for the 600-yard run, his brother Joshua, and Norm Steer, who was a big scorer in the weight events last year against the Tech Freshmen.

The Techmen will be led by Captain Al Dell Isola, Jack Adams, Carol Belton, Bill Nicholson, Roy Roth, Ed Olney, and Dave Thompson. The Bruins were badly beaten by Yale's powerful squad in their last time out. The last time out the Beavers downed Northeastern at Briggs Field. In the Freshman meet the Brown team will be led by Walter Molineux, New England Freshman Cross-Country Champion.

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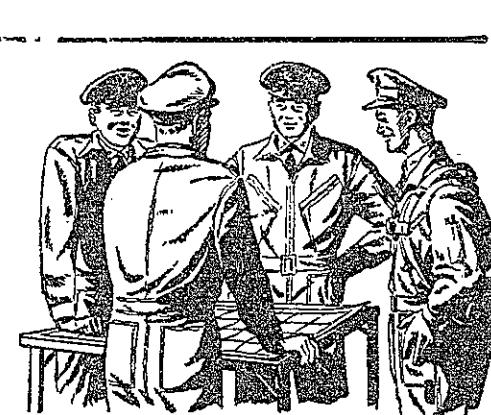
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16 From '50, 25 Others Initiated By Tau Beta Pi

The Tau Beta Pi, a national honorary engineering fraternity, held their elections after the smoker March 14. Forty-one new members were elected including three honorary members, Professor John B. Babcock, III, Professor Carl R. Soderberg, and Professor Warren K. Lewis.

The new members from the class of '50 are: Edward S. Cohen, Nathan H. Cook, Alphonse J. Dell'Isola, George A. Fedde, Willard B. Ferguson, Joseph D. Fleming, Jr., Arthur W. Fynsk, Eli I. Goodman, Malcolm Green, William S. Hertzmark, Francis F. Lee, Herbert D. Limmer, Thomas J. McLeer, Jr., George M. Robinson, Charles D. Spencer, and Peter K. Stein.

From the class of '51 are: Marshall E. Alper, William Anderson, Jr., William G. Austen, Frederick J. Bumpus, Jerome I. Elkind, Philip Fire, Earl J. Leffler, John H. Lindholm, Jr., Harry N. Lowell, Raymond L. Madsen, William R. Miller, Robert Nock, Jr., Robert J. Pfaff, Miguel A. Rivas, Jr., Cristian L. Rust, Peter L. Silveston, Paul G. Smith, Seldon E. Spangler, Jr., Jaime Urrea, Jr., Herbert B. Voecker, and Thomas A. Weil. Howard T. MacFarland, G., has also been elected.

Rotary Fellowship

(Continued from Page 3) Ambassador of good will is the assignment of the eighty-five outstanding students. The fellowships are awarded as a means of promoting international understanding, good will, and peace among the peoples of the earth. The one-year fellowship grants range from \$1800 to \$3400 each.

Solar House

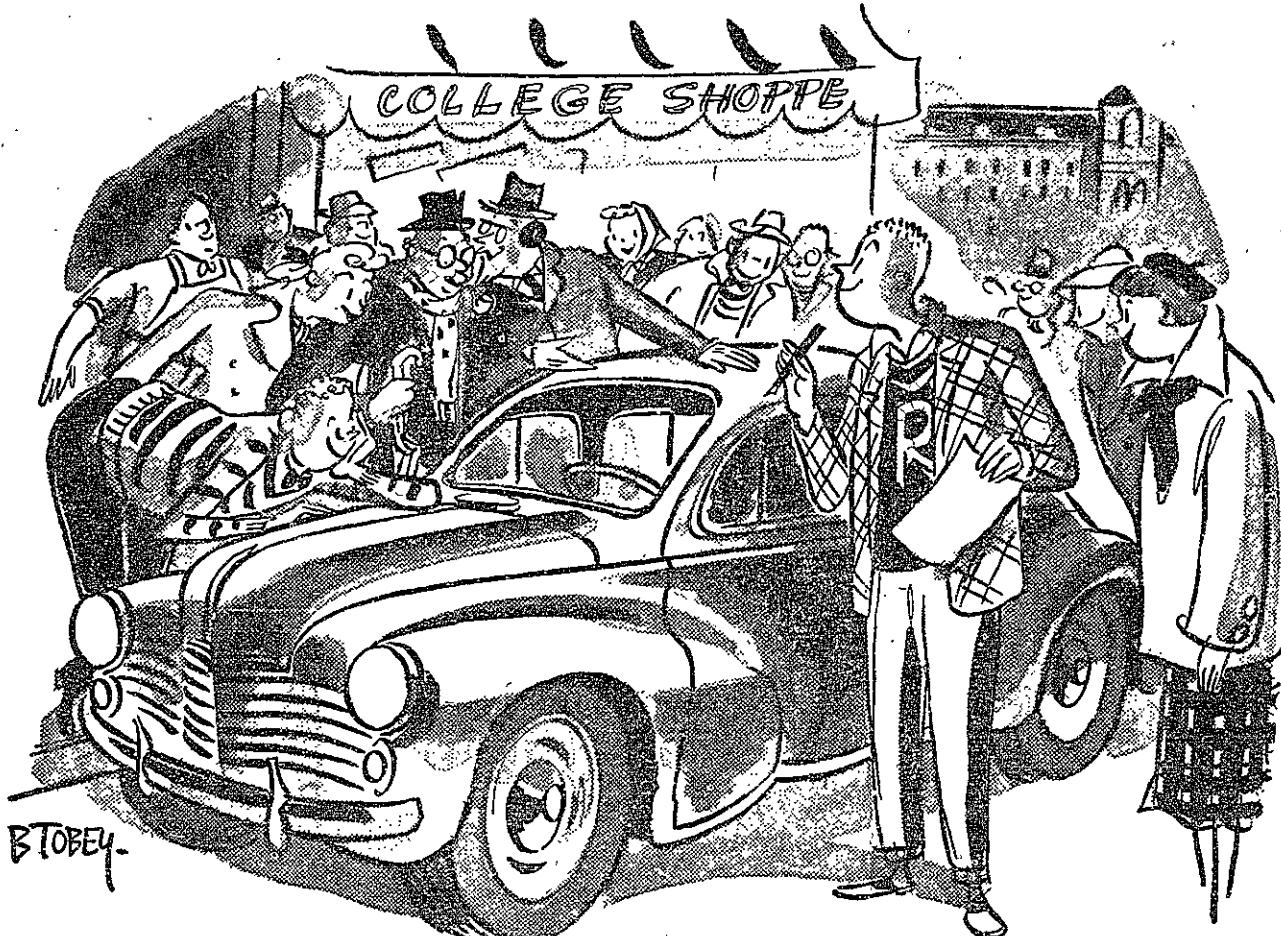
(Continued from Page 1)

1949, came from standby electrical heaters. The equipment is so designed that heat from one average sunny day can be stored so as to supply heat for two sunless days. This period is a compromise between the most efficient method—storing heat for only one day, with minimum heat losses from tank dissipation, and the far less efficient method of storing the heated water over long periods of time. This figure, along with many others needed for the project, was determined from long studies of previous Boston weather conditions. Study of the sun's path with respect to Boston yielded the most efficient angle and direction of incidence for the energy collectors—57 degrees, facing south.

Project Deemed Success

"Tentatively and cautiously," states project head Edmund Czapek, "I would call the project a success." Although several improvements have been suggested by the long-term experiments, the basic principles seem to be sound and commercially applicable. To emphasize this point, Mr. Czapek cited the case of last January—the cloudiest January on record in the Boston Weather Bureau. Even then the equipment functioned efficiently. The group has determined, however, that Boston is as far north as this particular type of unit will operate.

What do the Rieds think of all this? First, it must be remembered that they are living a normal, un-regimented life in their home. They are not compelled to keep doors shut or keep windows closed. All the measuring equipment is kept in a separate room. And, above all, they are encouraged to comment, favorably or otherwise, on the comfort and warmth of their home.



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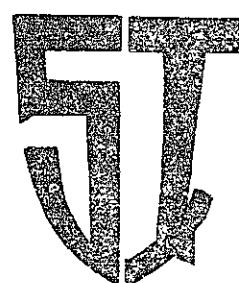
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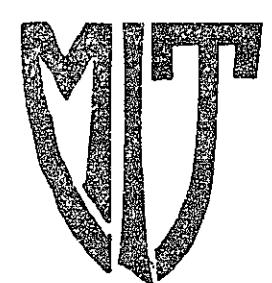
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